

PATRICK A. LINCOLN, P.E.
CORPORATE MANAGER
ENVIRONMENTAL AFFAIRS

US EPA RECORDS CENTER REGION 5



483396

October 10, 1981

Mr. Robert Basch, Supervisor
Lansing District Compliance Section
Hazardous Waste Division
Department of Natural Resources
P.O. Box 30028
Lansing, Michigan 48909

Dear Mr. Basch:

We have finally received our report from Battelle on the organics in the ground-water monitoring well at the land farm. This turned into a major research project since the standard test protocols did not identify materials causing the TOC reading in the well. Number 19 well was used for this sampling since it is higher in TOC than the other wells. A copy of the report is enclosed.

The majority of organics present have been identified as naphthenic acids or saturated cyclic organic compounds containing one carboxyl group for every six to eight methylene (CH_2) groups. The conclusions section on page 18 of the report discusses the findings of the laboratory.

We have also received an agreement draft from the Chessie Systems Railroad for test wells on their property. This agreement is being reviewed by our legal staff. We will have to obtain the required insurance for the railroad. We must also have your department's approval of the proposed drilling methods and use of these wells before any work can begin. Drillings plans and locations will be provided to you as soon as the legal staff finishes the agreement with the railroad.

Test wells have been installed at the locations which we could obtain on other property. Borings at the land farm site are being done to evaluate soil conditions so our hydrologist can design a purge system.

We would like to meet with you to discuss our findings and plans after you have had a chance to review Battelle's report. Please advise us of a suitable date.

Very truly yours,

Patrick A. Lincoln

PAL/1f

Enc.

cc: J. H. McCoy
L. W. Stinnett
B. E. White
L. R. Reinkemeyer
W. J. Vore